

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

ML-21029

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐Other ☐Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

Reserve Oil and Gas Company

3. Address of Operator

P. O. Box 5568, T. A., Denver, Colorado 80217

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

970' FNL, 2430' FEL

At proposed prod. zone

SWNWME

7. Unit Agreement Name

8. Farm or Lease Name

Jack Canyon

9. Well No.

8

10. Field and Pool, or Wildcat

Jack Canyon

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 32-T12S-R16E

14. Distance in miles and direction from nearest town or post office*

47 miles south of Myton, Utah

12. County or Parrish 13. State

Carbon Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

970'

16. No. of acres in lease

540

17. No. of acres assigned
to this well

80

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

2500'

19. Proposed depth

2300'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6034' GR

22. Approx. date work will start*

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24.0#	150'	Circ.
7-7/8"	5-1/2"	15.5#	2300'	250 sx

1. Clear water to 1500'.
2. KCl mud system: 9.5#/gallon, 35 viscosity, 10.0 cc water loss - 1500'-TD
3. All productive zones will be tested by DST.
4. Electric logs will be run from total depth.
5. If necessary well will be plugged according to State regulations.
6. Drillsite will be restored as near as possible to original condition.

Unit #6
157-1 of gas
R. P. Mangold

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Allen Thomas

Signed

Allen Thomas

Title

Div. Engr.

Date

5/28/75

(This space for Federal or State office use)

Permit No.

13-007-30131

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

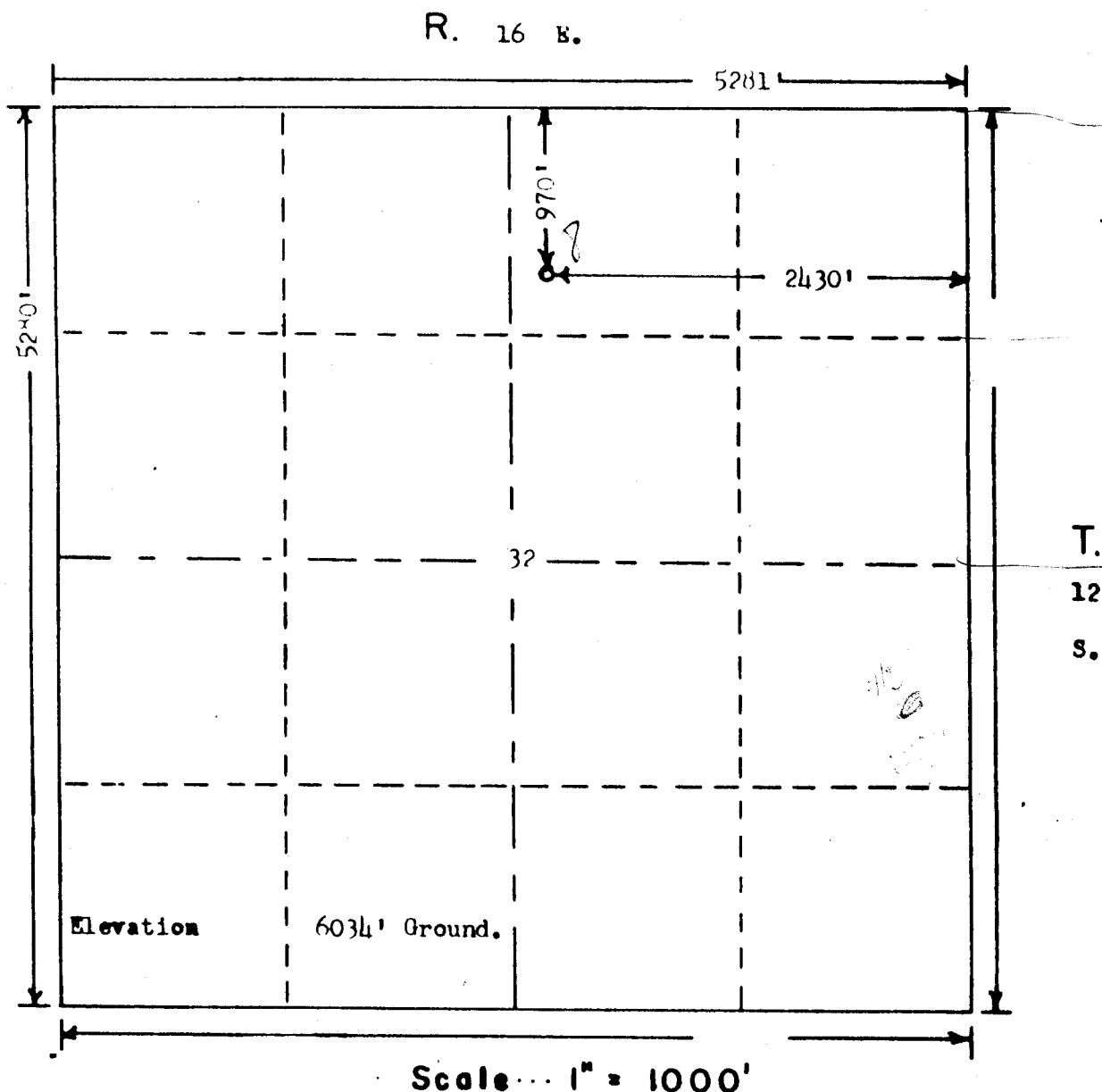
Please hold this well confidential

R. P. Mangold, Mgr. Western Division

*See Instructions On Reverse Side



FORM P-111



Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Arbuckle
for Kimbark Operating
determined the location of #6 Jacks Canyon
to be 970' FN & 2430' FE Section 32 Township 12 S.
Range 16 E. of the Salt Lake Meridian
Carbon County, Utah

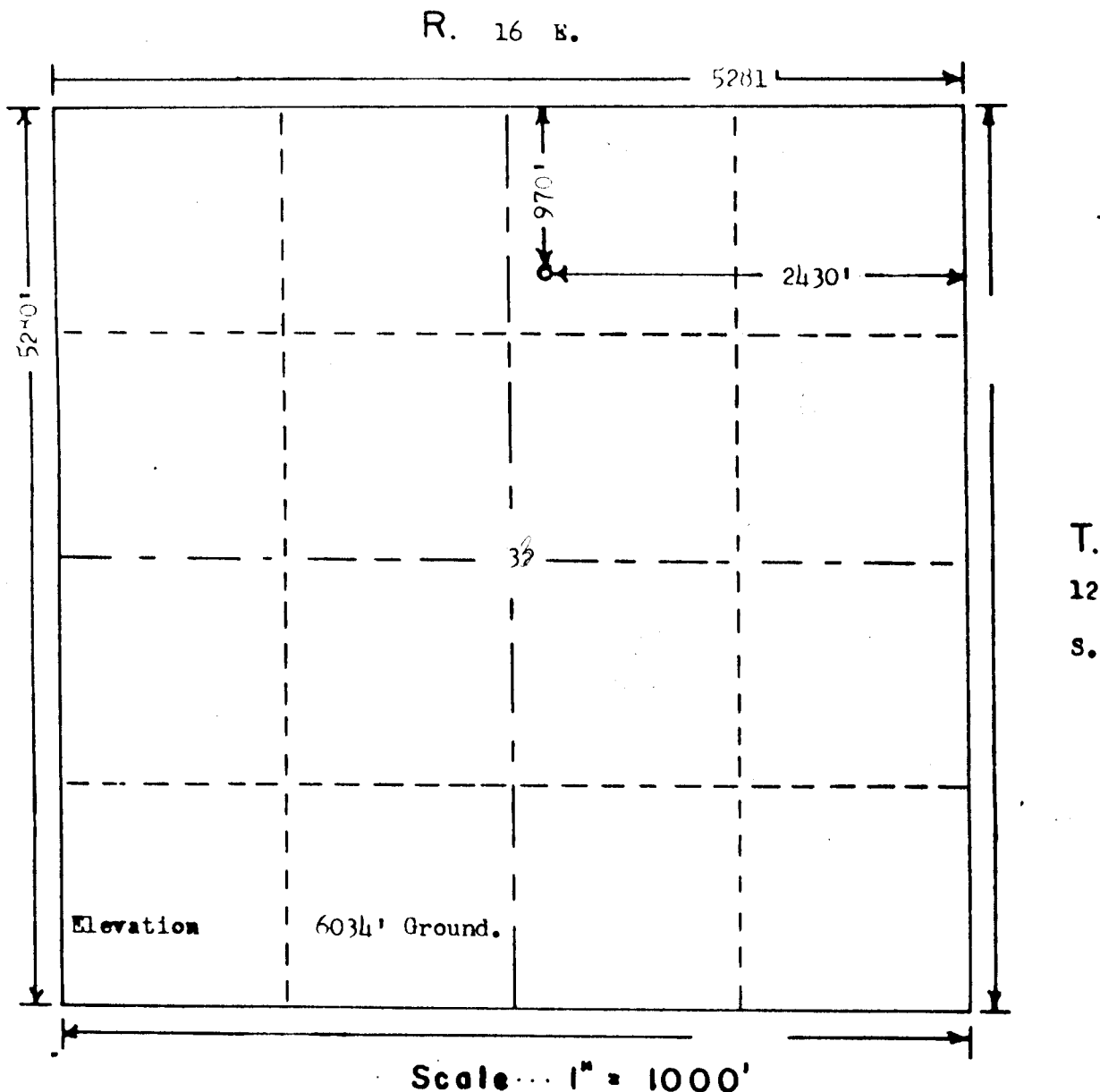
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#6 Jacks Canyon

Date: 8-2-74

Samuel H. White
Licensed Land Surveyor No. 2658PE
State of Utah



FORM 1000



Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Arbuckle
for Kimbark Operating
determined the location of #5 Jacks Canyon
to be 970' FN & 2430' FE Section 32 Township 12 S.
Range 16 E. of the Salt Lake Meridian
Carbon County, Utah

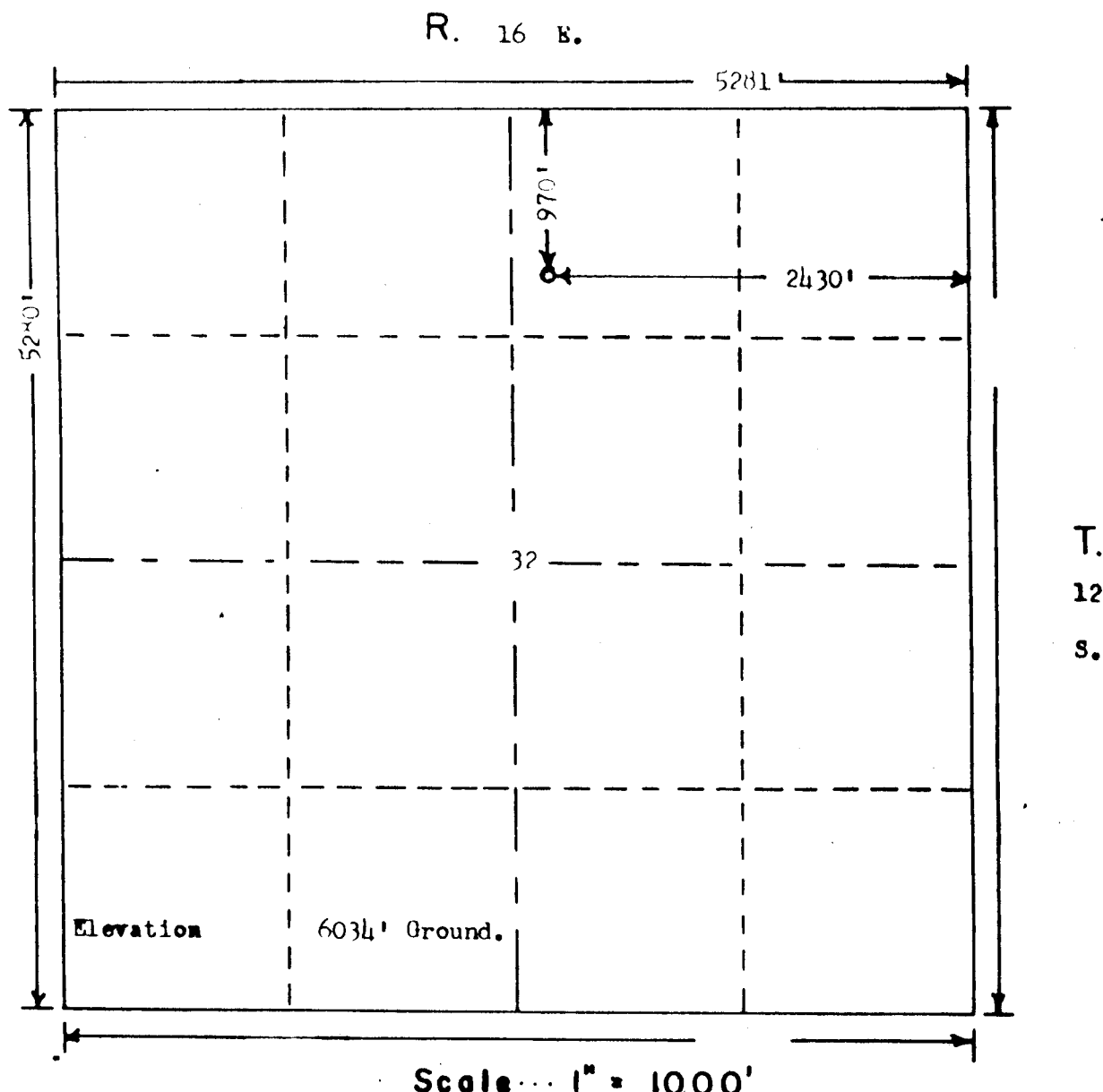
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#5 Jacks Canyon

Date: 8-2-74

Samuel L. White
Licensed Land Surveyor No. 2658PE
State of Utah



FORM 1-1-1



Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Arbuckle
for Kimbark Operating
determined the location of #5 Jacks Canyon
to be 970' FN & 2430' FE Section 32 Township 12 S.
Range 16 E. of the Salt Lake Meridian
Carbon County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#5 Jacks Canyon

Date: 8-2-74

Small White
Licensed Land Surveyor No. 2658PE
State of Utah

RESERVE OIL AND GAS COMPANY

POST OFFICE BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
TELEPHONE (303) 861-7800

ALLEN N. THOMAS, DIVISION DRILLING ENGINEER

June 27, 1975

State of Utah
Natural Resources Department
Division of Oil & Gas Conservation
1588 West, North Temple
Salt Lake City, Utah 84116

Re: Serial No. ML-21029
Jack Canyon No. 8
Section 32-T12S-R16E
Carbon County, Utah

Gentlemen:

Please find enclosed three copies of the following
for your approval:

- 3 copies - Form DOGC-1a
Application for Permit to Drill
- 3 copies - Location Plat
- 3 copies - Designation of Operator from
Kimbark Associates

These form were delayed because they were sent to
the United States Geological Survey in error on May 28, 1975.

Very truly yours,



Allen Thomas
Western Division Engineer

AT:phb

Enclosures (9)

STATE OF UTAH
Department of Natural Resources
Division of Oil and Gas Conservation
1538 West North Temple
Salt Lake City, Utah 84116

July 3, 1975

Reserve Oil & Gas Company
Box 5568 T.A.
Denver, Colorado 80217

Re: Well No. Jack Canyon Unit #8
Sec. 32, T. 12 S, R. 16 E,
Well No. Jack Canyon Unit #10
Sec. 33, T. 12 S, R. 16 E,
Carbon County, Utah

Gentlemen:

As each of the above locations are under the provisions of the Order issued in Cause No. 157-1, and neither conform to these provisions; this Division is withholding approval awaiting the results of your Jack Canyon Unit #9, approved this date.

Should said wells (#9) be completed as an oil well, the Applications for the #8 and #10 will again be reviewed for approval. In addition, it will be necessary for your company to file a drilling and plugging bond with the Division of State Lands to cover drilling operations contemplated on State Lands.

Should you have any questions relative to the above, please advise.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

RESERVE OIL AND GAS COMPANY

POST OFFICE BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
TELEPHONE (303) 861-7800

PETER BOSCHE, MANAGER OF LANDS

July 7, 1975

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon B. Feight, Director

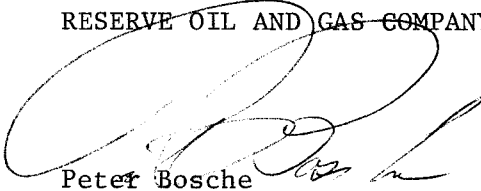
RE: Well No. Jack Canyon Unit #8
Sec. 32, T. 12 S., R. 16 E. ✓
Well No. Jack Canyon Unit #10
Sec. 33, T. 12 S., R. 16 E.
Carbon County, Utah

Dear Mr. Feight:

With reference to your letter of July 3, 1975 covering the captioned, would you please furnish us with a copy of the bond form which we will be required to file to cover drilling operations contemplated on State Lands, as referred to in said letter. Thank you for your cooperation.

Yours truly,

RESERVE OIL AND GAS COMPANY


Peter Bosche

ra

4-10-75/let to headhead

JUL 10 1975

RESERVE OIL AND GAS COMPANY

POST OFFICE BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
TELEPHONE (303) 861-7800

ROBERT P. MANGOLD, MANAGER-WESTERN DIVISION

July 31, 1975

State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

ATTENTION: Mr. Cleon B. Feight, Director

RE: Well No. Jack Canyon Unit #8
Sec. 32, T.12S, R.16E.
Carbon County, Utah

Dear Cleon:

Confirming our conversation this morning, we are now in the process of completing Jack Canyon #9 as an oil well. Under no circumstances will it be completed as a gas well under the provisions of the Order issued in Cause No. 157-1.

Accordingly, will you please provide us with telephonic approval for commencing the drilling of Jack Canyon #8.

Sincerely yours,


ROBERT P. MANGOLD
Manager - Western Division

RPM/1b

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Aug. 7
Operator: Exxon Oil & Gas
Well No: Jack Canyon 8
Location: Sec 32 T 12S R. 16E County: Carbon

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☐

Checked By:

Administrative Assistant:

AW

Remarks:

Petroleum Engineer/Mined Land Coordinator:

AW

Remarks:

Director:

Remarks:

Include Within Approval Letter:

Bond Required

☐

Survey Plat Required

☐

Order No.

157-1

☒

Blowout Prevention Equipment

☐

Rule C-3(c) Topographical exception/company owns or controls acreage
within a 660' radius of proposed site

☐

O.K. Rule C-3

☐

O.K. In

Unit

☐

Other:

☐☒

Letter Written

August 6, 1975

Reserve Oil & Gas Company
Box 5568
Denver, Colorado 80217

Re: Well No's:
Jack Canyon Unit #8
Sec. 32, T. 12 S, R. 16 E,
Jack Canyon Unit #10
Sec. 33, T. 12 S, R. 16 E,
Carbon County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted.

In accordance with the provisions of the Order issued in Cause No. 157-1, the Unit #8 well will be considered the drilling unit well for Section 32 should the well be completed for gas. The Unit #19 would be considered the drilling unit well for Section 33 if completed for gas.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 272-5813
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is:

#8: 43-007-30031

#10: 43-007-30032

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

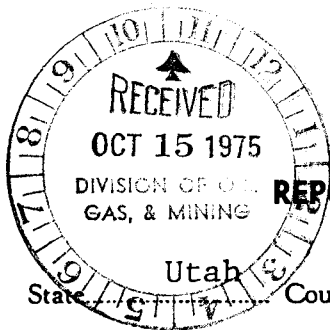
CLEON B. FEIGHT
DIRECTOR

State.....Utah..... County.....Carbon..... Field or Lease.....Jack Canyon 8.....

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah



REPORT OF OPERATIONS AND WELL STATUS REPORT

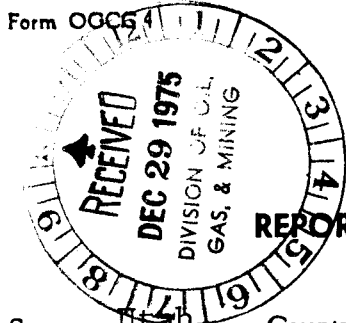
State Utah County Carbon Field or Lease Jack CanyonThe following is a correct report of operations and production (including drilling and producing wells) for
September 1975Agent's address P.O. Box 5568
Denver, Colorado
Phone (303) 861-7800Company Reserve Oil and Gas Company
Signed [Signature]
Agent's title Production AccountantState Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
Sec. 32 NWNE	12S	16E	8		-0-	-0-	-0-	2330' - completion work in progress

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

October 1975

Agent's address P.O. Box 5568

Company Reserve Oil and Gas Company

Denver, Colo 80217

Signed

any RESERVE ONE
Richard K Carpenter

Phone (303) 861-7800

Agent's title Production Accountant

State Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
Sec. 32 NW NE	12S	16E	8	SI	0	0	0	TD 2330'. SI waiting on pipeline sales connection

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Wasatch	1894	2220	Shaly sand with oil staining	Lime Marker Wasatch	1046 1894		

GEOLOGICAL WELL REPORT

RESERVE OIL AND GAS COMPANY, KADANE OIL COMPANY

JACKS CANYON #8

NW NE SECTION 32, T12S-R16E

CARBON COUNTY, UTAH

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LITHOLOGIC LOG	In pocket
DRILLING RATE LOG	In pocket

WELL DATA

OPERATOR: Reserve Oil and Gas Company, Kadane Oil Company

WELL NAME: Jacks Canyon #8

TYPE WELL: Field well

LOCATION: C NW NE Section 32, T12S-R16E, Carbon County, Utah

ELEVATION: 6034 Gr. 6044 KB

SPUD DATE: 1:45 AM, August 9, 1975

COMPLETION DATE: Completed drilling operations and ran production casing August 22, 1975.

CONTRACTOR: Carmack Drilling Company, Rig #10
National 300 D
3½" Full Hole drill pipe, 5 5/8" collars
Chris Carmack, pusher.

CASING PROGRAM: Ran 6 joints J55, 24#, 8 5/8" casing. Set at 237 ft.
KB with 300 sacks cement. Set 5½ casing at 2303 KB

DRILL STEM TESTS: None

CORES: None

ELECTRIC LOGS: Dual Induction Laterolog, Density Log, CNL

TOTAL DEPTH: 2330 Driller; 2303 Electric Log

WELL PROGRESS SUMMARY

August 9 Spudded in at 1:45 AM. Drilling with mud to 66'.
10 Mixing mud. Drilled 12 $\frac{1}{4}$ " hole to 120'.
11 Trip for bit #2. Drilled to 186'.
12 Drilled to 250'. Ran 6 joints J55, 24#, 8 5/8" casing to 237 ft. KB. Set with 300 sacks cement.
13 Nippled up. Checked blow out preventors. Tripped in.
14 Drilled out cement. Converted to air. Drilled 7 7/8" hole to 626'.
15 Drilled with air to 1105'.
16 Drilled to 1406.
17 Drilled with air to 1738. Converted to mud.
18 Trip out and in. Drilled to 1823
19 Repaired mud pump. Drilled to 1995.
20 Drilled to 2188
21 Drilled to 2330. Conditioned hole for Electric Logs.
22 Finished running logs at 10:00 AM. Ran 5 $\frac{1}{2}$ " production string to TD.

BIT RECORD

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FOOTAGE</u>	<u>HOURS</u>
1	12 $\frac{1}{4}$	HTC	OSC	243	243	5 3/4
2	7 7/8	HTC	OSC	344	101	6
3	7 7/8	HTC	J33	1816	1472	85
4	7 7/8	HTC	J22	2330	514	

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
120	1 ⁰
200	1 ⁰
344	1 ⁰
1471	1 ⁰
1816	1 ⁰

ELECTRIC LOG TOPS

	<u>JACKS CANYON #8</u>		<u>JACKS CANYON #5</u>	
	<u>DEPTH</u>	<u>DATUM</u>	<u>DEPTH</u>	<u>DATUM</u>
LIME MARKER	1046	+4998	1940	+4941
WASATCH	1894	+4150	2842	+4090
Tw 2 SAND	ABSENT		2962	+3969
Tw 4 SAND	2128	+3916	3082	+3849
Tw 5 SAND	2193	+3851	ABSENT	

ELECTRIC LOG CALCULATIONS

<u>INTERVAL</u>	<u>Rw</u>	<u>Rt</u>	<u>ØD</u>	<u>Sw</u>
2100	.235	45	8	85
2130	.235	25	13	80
2135	.235	23	16	54
2140	.235	20	14	70
2143	.235	30	14	60
2150	.235	20	12	85
2160	.235	18	11	100
2200	.235	36	16	47
2230	.235	17	10	100
2240	.235	13	10	100
2270	.235	10	9	100

DETAILED SAMPLE DESCRIPTION

600- 660 Shale, red and pale green, very sandy.
660- 690 Sand, fine, angular, friable, gray to pale green.
690- 720 Shale, red, very sandy.
720- 800 Interbedded with maroon sand.
800- 840 Sand, white, fine, tight, with calcareous cement.
840- 860 Interbedded with some brown shale
860- 880 Sand, white, medium grain, less cement. No shows.
880- 900 Above sand with some buff conglomerate of fine to coarse, rounded, tightly cemented sand.
900- 920 Shale, deep maroon.
920- 940 Sand, light gray to white, medium, friable.
940- 960 Same sand, with calcareous cement.
960- 980 Shale, chocolate brown.
980-1020 Sand, light gray to white, medium grain, unconsolidated quartz.
1020-1040 Ostracodal grain stone, greenish gray.
1040-1060 Sand, gray very fine, tight, calcareous.

TOP LIME MARKER 1060

1060-1080 Interbedded with brown limestone.
1080-1100 Shale and siltstone, chocolate brown.
1100-1120 Sand, buff, fine, tight, hard, calcereous, streaks of gilsonite.
1120-1140 Ostracodal limestone, brown
1140-1160 Sand, gray, very fine, hard tight, Calcareous.

1160-1180	Ostracodal lime stone, buff, occasional streaks of gilsonite.
1180-1200	Sand, gray, very fine, hard, tight, calcareous, streaks of gilsonite.
1200-1220	Shale, chocolate brown, interbedded with dark gray, ostracodal limesonte.
1220-1280	Sand, buff, fine, tight, calcareous, interbedded with gray, soft, shale.
1280-1320	Shale, chocolate brown.
1320-1340	Missing.
1340-1400	Sand, gray, fine, friable, with stringers greenish gray shale. Scattered traces of high gravity fluorescence, pale yellow cut.
1400-1500	Shale and siltstone, greenish gray, and maroon.
1500-1520	Sand, light gray, medium grain, sub round quartz, fair porosity, friable, with scattered gilsonite and pyrite.
1520-1540	Above sand, with some sand having angular gragments of buff limestone. Interbedded with buff micro crystalline dolomite, with heavy dark brown, tary patches of oil stain.
1540-1560	Shale and siltstone, maroon.
1560-1600	Interbedded with greenish gray siltstone.
1600-1610	Sand, gray, fine, hard, tight, calcareous.
1610-1620	Interbedded with maroon shale.
1620-1640	Sand, buff, fine, hard, tight, calcareous, interbedded with maroon and green shale.
1640-1650	Maroon shale.
1650-1670	Sand, gray, fine, hard, tight, very calcareous.
1670-1680	Shale, chocolate brown.
1680-1690	Missing.
1690-1700	Brown shale interbedded with sand, gray, fine, hard, tight, calcareous.

- 1700-1710 Shale, maroon and greenish gray.
- 1710-1720 Above shale with partings of loose sand.
- 1720-1730 Interbedded sand, gray, fine, hard, tight, calcareous, with maroon and green shale.
- 1730-1740 Poor sample. Some ostracodal limestone.
- 1740 1750 Shale, maroon, and greenish gray. Converted system to mud at 1738 ft.
- 1750-1770 Some sand, buff, fine, hard, tight, no cementing; light brown oil stain, fluorescence, and live, pale, high gravity cut.
- 1770-1780 Above sand, with brown ostracodal limestone.
- 1780-1820 Missing
- 1820-1900 Impossible to interpret. Complete mix of cuttings from surface to TD., including some sand with oil shows.

TOP WASATCH MARKER BED 1900

- 1900-1910 Some sand, gray, with green grains, medium, subangular, friable, scattered, dark brown, oil stain. Poor sample.
- 1910-1920 With stringers of brown ostracodal limestone.
- 1920-1930 Sand, gray, with green and black grains, fine, hard, tight, very calcareous.
- 1930-1940 With some limestone, brown to gray.
- 1940-1950 Sand, dark gray, very fine, hard, tight.
- 1950-1960 With stringers of maroon shale.
- 1960-1970 Maroon shale with stringers of dark gray, fine, sand and brown ostracodal limestone.
- 1970-1980 Maroon shale with thin stringers of dark gray grit.
- 1980-1990 Missing
- 1990-2060 Maroon shale.

- 2060-2090 Maroon shale interbedded with maroon to pink, very argillaceous, fine sand.
- 2090-2100 Some sand, gray, with some black, green and orange grains, fine to medium, unsorted, subround, calcareous, low P&P; faint brown stain, gold fluorescence, weak cut. Looks wet.
- 2100-2132 Maroon shale, interbedded with above sand; scattered heavy black, tary oil stain or gilsonite.

TOP Tw 4 SAND 2132

- 2132-2144 Good drilling break. Circulated up sample. Sand, gray with black, orange and pale green grains, medium, subangular, friable, fair P&P, slightly calcareous; strong odor, very light, high gravity, brown oil stain, gold fluorescence, strong, instant cut; 120 unit gas show.
- 2144-2160 As above.
- 2160-2180 Less P&P, more calcareous cement. Also some heavy, black, tary, residue.
- 2180-2190 With stringers of maroon shale.

TOP Tw 5 SAND 2190

- 2190-2230 Drilling break at 2192. Circulated sample off bottom. Sand, light gray, some bright gree grains, medium, subround, friable, no cement, heavy black tary oil saturation, gold fluorescence, instant streaming, live cut. 20 unit gas kick on logging unit, strong odor. Looks like heavy, low gravity oil pay zone. Globules of sticky black, tary, oil floating in mud system.
- 2230-2260 Same sand with less oil saturation. Possibly some red shale partings. Drilling slowed down. See drilling time and lithologic log.
- 2260-2270 Increase in shale with some ocher and greenish gray shale.
- 2270-2280 Sand, buff to pink, considerable orthoclay feldspar, medium grain, friable. No. shows.
- 2280-2300 Shale, red and maroon.

CONCLUSIONS AND RECOMMENDATIONS

The Jacks Canyon #8 well ran structurally higher than anticipated. On top of the Wasatch marker it is 60 feet structurally high to the Jacks Canyon #5. This same structural difference is maintained throughout the stratigraphic section penetrated. The Tw 2 Sand which is the producing zone in Jacks Canyon #5, has pinched out in Jacks Canyon #8. A lower suite of sands tentatively identified as Tw 4 and Tw 5 have developed in Jacks Canyon #8. These sands are not interpreted to be present in any of the Jacks Canyon wells drilled to this point in time, with the possible exception of the recently completed Jacks Canyon #9. It is possible that a sand stringer encountered at 2996-3006 in the #9 well is a remnant of the Tw 4 Sand.

The Tw 4 Sand yielded a strong gas kick on the logging unit. The sand had fair porosity with light brown oil staining. Electric log analysis confirmed the presence of oil and, or gas with water saturations in a critical area.

The Tw 5 Sand had dark brown to black, heavy, tary, oil saturation. There was little or no cementing material in the sand matrix indicating better porosity than that in the Tw 4 Sand. A minor 20 unit gas increase over background was observed. Electric log analysis interpreted the top 14 feet of the Tw 5 Sand to be hydrocarbon productive.

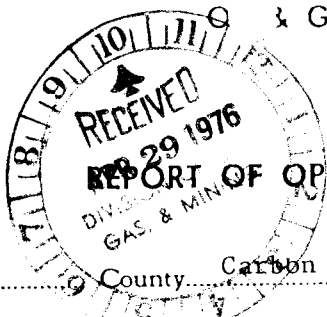
The Jacks Canyon #8 has good enough reservoir rocks with strong shows of both oil and gas to deserve thorough testing. Accordingly, management instructed that production casing be run.

Respectfully submitted,

Fred H. Carr
Certified Professional Geologist #1430

Salt Lake City 14, Utah

Confidential



REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

March 1976

Agent's address P.O. Box 5568

Company Reserve Oil and Gas Company.....

Denver, Colorado 80217

Signed Richard K. Carpenter

Phone (303) 861-7800

Agent's title . Production Accountant

State Lease No. ML-21029 Federal Lease No. Indian Lease No. Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut In waiting on pipe line sales connection.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

..... May 1976

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company

Denver, CO 80217 Signed Coulsen E Cook

Phone (303) 861-7800 Agent's title Drlg. & Prod. Supervisor

State Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
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STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

June, 1976Agent's address P.O. Box 5568Company Reserve Oil and Gas CompanyDenver, CO 80217Signed Courtney E CookPhone (303) 861-7800Agent's title Drlg. & Prod. SupervisorState Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1976

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company

Denver, CO 80217 Signed Courtney E Cook

Phone (303) 861-7800 Agent's title Drlg. & Prod. Supervisor

State Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for

November, 1976Agent's address P.O. Box 5568 Company Reserve Oil and Gas CompanyDenver, CO 80217 Signed Cynthia RobbinsPhone (303) 861-7800 Agent's title Production SecretaryState Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for _____, 1976.

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company

Denver, CO 80217 Signed *E.P. Mangala* (c)

Phone (303) 861-7800 Agent's title Manager - Western Division

State Lease No. ML-21029 Federal Lease No. Indian Lease No. Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling. Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec.: 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Carbon Field or Lease Jack Canyon

The following is a correct report of operations and production (including drilling and producing wells) for
December, 1976

Agent's address P.O. Box 5568 Company Reserve Oil and Gas Company

Denver, CO 80217 Signed [Signature]

Phone (303) 861-7800 Agent's title Manager - Western Division

State Lease No. ML-21029 Federal Lease No. _____ Indian Lease No. _____ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NW NE Sec. 32	12S	16E	8	SI	0	0	0	Shut in waiting on pipe line sales connection.
<div>RECEIVED JAN 24 1977 DIVISION OF GAS & MINING</div>								

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT (Other) TRIPPLICATE
Instructions on
reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21029
2. NAME OF OPERATOR Reserve Oil, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 17609, Denver, CO 80217		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 970' FNL, 2430' FEL		8. FARM OR LEASE NAME Jack Canyon
14. PERMIT NO.		9. WELL NO. 8
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6034' GL, 6044' KB		10. FIELD AND POOL, OR WILDCAT Jack Canyon
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32-12S-16E
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH Carbon
18. I hereby certify that the foregoing is true and correct		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☒REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MI & RU Workover Rig.
2. Pull tbg. & install BOP.
3. Acidize perms w/opposed cup circ. washer to remove skin damage, using appr. 1500 gals. 15% M-acid + additives. Displace w/H₂O.
4. Run tbg., swab well & return to production.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Sept 1, 1978

BY: Ph. McCall

18. I hereby certify that the foregoing is true and correct

SIGNED RE KnightTITLE Production SuperintendentDATE 8/22/78

(This space for Federal or State office use)

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____


DATE _____

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-21029
2. NAME OF OPERATOR Reserve Oil, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 
3. ADDRESS OF OPERATOR P. O. Box 17609, Denver, CO 80217		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 970' FNL, 2430' FEL		8. FARM OR LEASE NAME Jack Canyon
14. PERMIT NO.		9. WELL NO. 8
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6034' GL, 6044' KB		10. FIELD AND POOL, OR WILDCAT Jack Canyon
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 32-12S-16E
		12. COUNTY OR PARISH Carbon
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

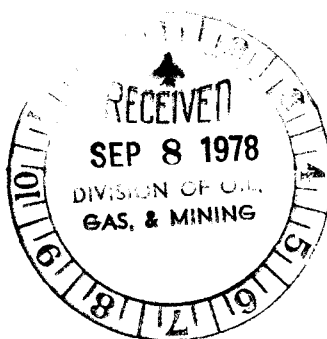
SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MI Workover rig. Pulled tbg. & layed down same. Installed BOP, tagged bottom and measured tbg. out of hole. Acidzed perfs w/opposed cup circ. washer to remove skin damage, using 1500 gals. 15% M-acid, w/3 gals. HAI-55, 5 gals. TRI-5, 11 gals. HC-2 & 75# HLX-209. Displaced w/51 bbls. H₂O. Ran 2-3/8" tbg. Swabbed fluid and returned well to production.



18. I hereby certify that the foregoing is true and correct

SIGNED RE Knight

TITLE Production Superintendent DATE 9/6/78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



Getty Oil Company | P.O. Box 3000, Tulsa, Oklahoma 74102 • Telephone: (918) 560-6314, 560-6300

J. A. Morris, Division E & P Services Manager
Central Exploration and Production Division

March 21, 1980

Re: Merger of Reserve Oil
a Delaware corporation, into
Getty Reserve Oil, Inc.
Delaware corporation

RECEIVED
MAR 28 1980

Utah Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Jack Canyon

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Cleon B. Feight, Director

Gentlemen:

Effective January 23, 1980, Reserve Oil, Inc. was merged into Getty Reserve Oil, Inc.

Getty Reserve Oil, Inc., as the surviving corporation, by operation of law and without further act or deed, became vested with all the properties, rights, powers and interests belonging to or due to Reserve Oil, Inc., and Getty Reserve Oil, Inc. became bound by all restrictions, obligations, duties and limitations with respect to such properties, rights, powers and interests formerly belonging to Reserve Oil, Inc., and they may be enforced against Getty Reserve Oil, Inc. to the same extent as if originally incurred or contracted by it.

Enclosed is a list of wells that were operated by Reserve Oil, Inc. and are now operated by Getty Reserve Oil, Inc.

Should you require additional evidence of merger, please advise at your earliest convenience.

Please change your records to reflect the merger as of aforementioned date. Henceforth, please cause all notices, communications, etc., to be made to Getty Reserve Oil, Inc. at this address: Three Park Central, Suite 700, 1515 Arapahoe Street, Denver, Colorado 80202.

Very truly yours,

J. A. Morris
J. A. Morris

JAM:sw
Encl.

cc: Mr. K. D. Morris

<u>LEASE NAME & WELL NO.</u>	<u>LOCATION</u>
Peters Point - 9	SE SE Sec. 1-13S-16E Carbon County, Utah
Peters Point - 13	NW SE Sec. 12-13S-16E Carbon County, Utah
Res. Beard Federal No. 1	NW SE Sec. 3-12S-16E* Carbon County, Utah

* SI waiting on pipeline

**Suspended

WELLS FORMERLY OPERATED BY RESERVE OIL, INC. AND
NOW OPERATED BY GETTY RESERVE OIL, INC.

RECEIVED
MAR 28 1980

DIVISION OF
OIL, GAS & MINING

<u>LEASE NAME & WELL NO.</u>	<u>LOCATION</u>
Jack Canyon - 3	SE SW Sec. 28-12S-16E Carbon County, Utah
Jack Canyon - 4X	NW SW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 5	SE NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 7	SE NE Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 8	NW NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 9	NW NW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 10	SW SW Sec. 33-12S-16E* Carbon County, Utah
Jack Canyon - 101	SE SE Sec. 33-12S-16E** Carbon County, Utah
Peters Point - 1	SW SW Sec. 6-13S-17E Carbon County, Utah
Peters Point - 2	NE SW Sec. 36-12S-16E Carbon County, Utah
Peters Point - 3	SW SE Sec. 8-13S-17E Carbon County, Utah
Peters Point - 4	NW NW Sec. 24-13S-16E Carbon County, Utah
Peters Point - 8	SE SW Sec. 34-12S-16E Carbon County, Utah

<u>LEASE NAME & WELL NO.</u>	<u>LOCATION</u>
Peters Point - 9	SE SE Sec. 1-13S-16E Carbon County, Utah
Peters Point - 13	NW SE Sec. 12-13S-16E Carbon County, Utah
Res. Beard Federal No. 1	NW SE Sec. 3-12S-16E* Carbon County, Utah

* SI waiting on pipeline

**Suspended

WELLS FORMERLY OPERATED BY GETTY RESERVE OIL INC.
AND NOW OPERATED BY GETTY OIL COMPANY.

<u>LEASE NAME & WELL NO.</u>	<u>LOCATION</u>
Jack Canyon - 3	SE SW Sec. 28-12S-16E Carbon County, Utah
Jack Canyon - 4X	NW SW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 5	SE NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 7	SE NE Sec. 33-12S-16E Carbon County, Utah
✓ Jack Canyon - 8	NW NE Sec. 32-12S-16E Carbon County, Utah
Jack Canyon - 9	NW NW Sec. 33-12S-16E Carbon County, Utah
Jack Canyon - 10	SW SW Sec. 33-12S-16E* Carbon County, Utah
Jack Canyon - 101	SE SE Sec. 33-12S-16E** Carbon County, Utah
Peters Point - 1	SW SW Sec. 6-13S-17E Carbon County, Utah
Peters Point - 2	NE SW Sec. 36-12S-16E Carbon County, Utah
Peters Point - 3	SW SE Sec. 8-13S-17E Carbon County, Utah
Peters Point - 4	NW NW Sec. 24-13S-16E Carbon County, Utah
Peters Point - 8	SE SW Sec. 34-12S-16E Carbon County, Utah

<u>Well Name</u>	<u>Well No.</u>	<u>Type</u>	<u>API No.</u>	<u>¼ ¼ -Sec-TWP-RGE</u>	<u>County</u>	<u>Lease No.</u>
Beard	1-3	Gas	43-007-30048	NWSE 3 -13S-16E	Carbon	U-9153
Jack Canyon	10	Oil	43-007-30032	SWSW 33 -12S-16E	Carbon	SL-069551
Jack Canyon	4	Oil	43-007-15578	NWSW 33- 12S-16E	Carbon	SL-069551
Jack Canyon	5	Oil	43-007-15579	NWNE 32 -12S-16E	Carbon	ML-2927A
Jack Canyon	7	Oil	43-007-15580	SENE 33 -12S-16E	Carbon	SL-069551
Jack Canyon	8	Oil	43-007-30031	NWNE 32 -12S-16E	Carbon	ML-21029
ack Canyon	3	Oil	43-007-15577	SESW 28-12S-16E	Carbon	SL-071595
Jack Canyon	9	Oil	43-007-30029	SENW 33-12S-16E	Carbon	SL-069551
Jack Canyon	101-A	Gas	43-007-30049	SESE 33-12S-16E	Carbon	SL-069551
Peters Point	1	Gas	43-007-10216	SWSW 6-13S-17E	Carbon	U-0744
Peters Point	13	Gas	43-007-30035	NWSE 12-13S-16E	Carbon	U-0719
Peters Point	2	Gas	43-007-15391	NESW 36-13S-16E	Carbon	U-0681
Peters Point	3	Gas	43-007-05056	SWSE 8-13S-17E	Carbon	U-0725
Peters Point	4	Gas	43-007-15393	NWNW 24-13S-16E	Carbon	U-0741
Peters Point	9	Gas	43-007-30023	SWNE 17-13S-16E	Carbon	U-0681
Peters Point	14-9	Gas	43-007-30069	NESE 14-13S-16E	Carbon	U-0719
Peters Point	5-14	Gas	43-007	SESW 5-13S-17E	Carbon	U-0684
ast Canyon Un.A	44-12	Gas	43-019-16205	SENE 12-16S-24E	Grand	U-04967
Fast Canyon Un.A	42-13	Oil	43-019-16204	SENE 13-16S-24E	Grand	U-05059
East Canyon Un.B	22-17	Gas	43-019-16202	SWNW 17-16S-25E	Grand	U-05059-B
Horse Point Un.	1X	Gas	43-019-16206	NWNE 14-16S-23E	Grand	U-05084
Peters Point	8	Gas	43-007-10481	SESW 34-12S-16E	Carbon	SL-071595
Horse Point Un.	2	Gas	43-019-31148	SWNW 11-16S-23E	Grand	U-05084

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-21029
2. NAME OF OPERATOR Getty Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
3. ADDRESS OF OPERATOR P.O. Box 3360, Casper, WY 82602-3360		7. UNIT AGREEMENT NAME -
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 970' FNL & 2430' FEL of Sec. 32		8. FARM OR LEASE NAME Jack Canyon
14. PERMIT NO.		9. WELL NO. 8
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6034' GL		10. FIELD AND POOL, OR WILDCAT Jack Canyon
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32-T12S-R16E
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* This well was acidized on 6-4-82 with 1500 gal 15% M acid by Halliburton Services Co. @ 2600 psi. Run tubing, swab well. Recovered no measurable amount of gas. SI well on 6-12-82 for future evaluation.		12. COUNTY OR PARISH Carbon
13. STATE Utah		

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

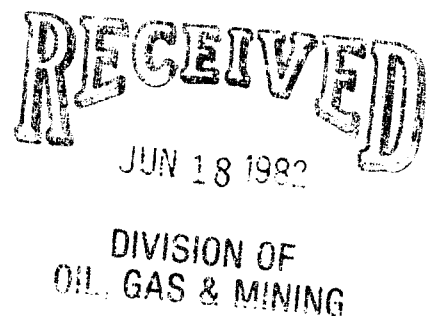
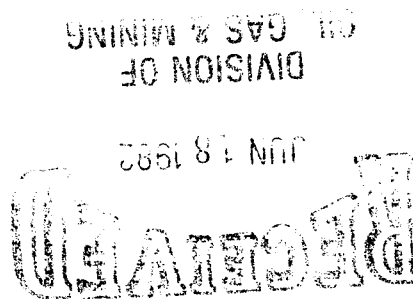
WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was acidized on 6-4-82 with 1500 gal 15% M acid by Halliburton Services Co. @ 2600 psi.

Run tubing, swab well. Recovered no measurable amount of gas. SI well on 6-12-82 for future evaluation.



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Area Superintendent DATE 6-14-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator GETTY OIL Representative Mark Andrea

Well No. Jack Canyon 8 Location NW 1/4 NE 1/4 Section 32 Township 12 Range 16 E

County Carbon Field Peters Point State Utah

Unit Name and
Required Depth _____ Base of fresh water sands _____

T.D. 2317 Size hole and
Fill per sack _____ " _____' Mud Weight
' and Top _____ #/gal. _____'

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>8 5/8</u>	<u>225</u>	<u>surface</u>		<u>2317</u>	<u>2100</u>	<u>25 Sax</u>
<u>5 1/2</u>	<u>2317</u>	<u>1500</u>		<u>surface</u>		<u>10 Sax</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>Heavy 8.9 lb. between plugs</u>		
<u>Lime Marker</u>	<u>1894</u>	<u>1046'</u>				
<u>Wasatch Sand</u>	<u>2317'</u>	<u>1894'</u>				

REMARKS

DST's, lost circulation zones, water zones, etc., _____

5 1/2 perforations 2115 - 2132, 2138 - 2143.

Approved by Cleon B. Feight Date 7-13-82 Time 10:45 a.m.
p.m.

CHECKLIST FOR MICROFILMING

COUNTY: CARBON

SECTION: 32 TOWNSHIP: 12 RANGE: 16

OPERATOR: GETTY OIL

WELL NAME: JACK CANYON #8

API NO. 43-007-30031

WELL STATUS: DR P&A POW 516W

YEAR OF COMPLETION:

LOCATION: 970 FSL FNL 2430 FEL FNL 1/4 1/4 NE 1/4

LEASE STATUS: FED STATE FEE INDIAN

BOND STATUS: YES NO

- APD ☒
- PLAT MAP ☒
- SPUD DATE ☒
- WELL COMPLETION ☒
- P&A REPORT AFTER ACTIVE COMPLETION ☐
- FORMATION TOPS ☒
- FIELD ☒
- LOGS ☒

NOTES

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texaco Inc., Operator for Texaco Producing Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 4601 DTC Blvd., Denver, Colorado 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH
		13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> <u>Change of Operator</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) * Notice of Change of Operator from Getty Oil Company to Texaco Inc., the duly authorized Operator for Texaco Producing Inc. (TPI) for the attached wells.

RECEIVED

JAN 31 1985

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Farmington Dist. Mgr.

DATE 1-23-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Texaco Inc., Producing Dept.	8. FARM OR LEASE NAME Jack Canyon
3. ADDRESS OF OPERATOR P.O. Box 1629, Rock Springs, Wyoming 82901	9. WELL NO. 8
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 970' FNL & 2430' FEL, Section 32	10. FIELD AND POOL, OR WILDCAT Jack Canyon
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T12S-R16E
15. ELEVATIONS (Show whether DF, RH, CA, etc.) 6034 GL	12. COUNTY OR PARISH Carbon
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc., as operator for Texaco Producing Inc. requests approval to plug and abandon the subject well according to the following procedures:

- 1) MIRUSU NDWH NUBOPS TOOHw/tbg
- 2) TIH slick tbg to +2140'. Est circ. SI annulus, Est inj. Squeeze 100 sx neat G cmt into Wasatch perfs. 500 PSI max. Do not reverse out any excess. TOOH laying down to +300'. Spot 50 sx neat G cmt plug. Finish TOOH laying down.
- 3) Est inj. down 8-5/8" x 5 1/2" annulus. Pm. 50 sx neat G plug into annulus. Do not displace.
- 4) NDBOPS RDMOSU. cut csg. Install P & A marker
- 5) Remove P.E. and rehab location

NOTE: After performing cmt. squeeze at 2140', TOH w/tbg. WOC & tag plug. If TOC is lower than top perf, perform cmt. squeeze again to ensure that plug covers all open parts.

18. I hereby certify that the foregoing is true and correct

SIGNED H.M. Medina TITLE Area Superintendent DATE July 30, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BLM(3)-OGCC(2)-JNH-AJS-HMM

*See Instructions on Reverse Side OF OIL, GAS, AND MINING

DATE: 8/17/85

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 13, 1985

Texaco, Inc.
P.O. Box EE
Cortez, Colorado 81321

Gentlemen:

Re: Well No. Jack Canyon #8 - Sec. 32, T. 12S., R. 16E.,
Carbon County, Utah - API #43-007-30031

Our office received a Notice of Intention to Abandon the above referenced well dated July 30, 1985. As of the date of this letter we have not received a subsequent notice.

If this well has been plugged and abandoned, please return the enclosed Sundry Notice indicating the plugging procedure used and the date the work was completed.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/33

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		090212		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR		Texaco Inc., Producing Dept. ATTN: H.M. Meduna		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR		P.O. Box 1629, Rock Springs, Wyoming 82901		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		970' FNL & 2430' FEL, Section 32		9. WELL NO.
				8
				10. FIELD AND POOL, OR WILDCAT
				Jack Canyon
				11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
				Sec. 32, T12S-R16E
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, ST, CR, etc.)	6034 GL		12. COUNTY OR PARISH
		DIVISION OF		Carbon
		OIL GAS & MINING		Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was plugged and abandoned as follows:

9-21-85 MIRUSU-NDWH-NUBOP's-with slick 2-1/16" tubing at 2050'-TIH to 2127'-circ hole-est inj 1/8 BPM-500 PSI-mix and pump 100 sx class G cement-SI annulus-squeeze Wasatch perms to 500 PSI. TOOH to 1100'-WOC 4 hours-TIH tubing tag cement at 1445-TOOH tubing to 300'-spot 50 sx class G cement plug-finish TOOH laying down tubing-hook up to 5 1/2 x 8-5/8 annulus. Mix and pump 50 sx class G cement into annulus-Press to 200 PSI.

9-22-85 RDMOSU

10-16-85 Cut off casing and install P&A marker.

Rehab of location completed. Seeding will be done next spring as per Dan Cressy with BLM. Subsequent report will be submitted when completed.

18. I hereby certify that the foregoing is true and correct

SIGNED H.M. Meduna

TITLE Area Supt.

DATE 11-19-85

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

BLM(3)-UNR(2)-JNH-LAA-EHM

TITLE

DATE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

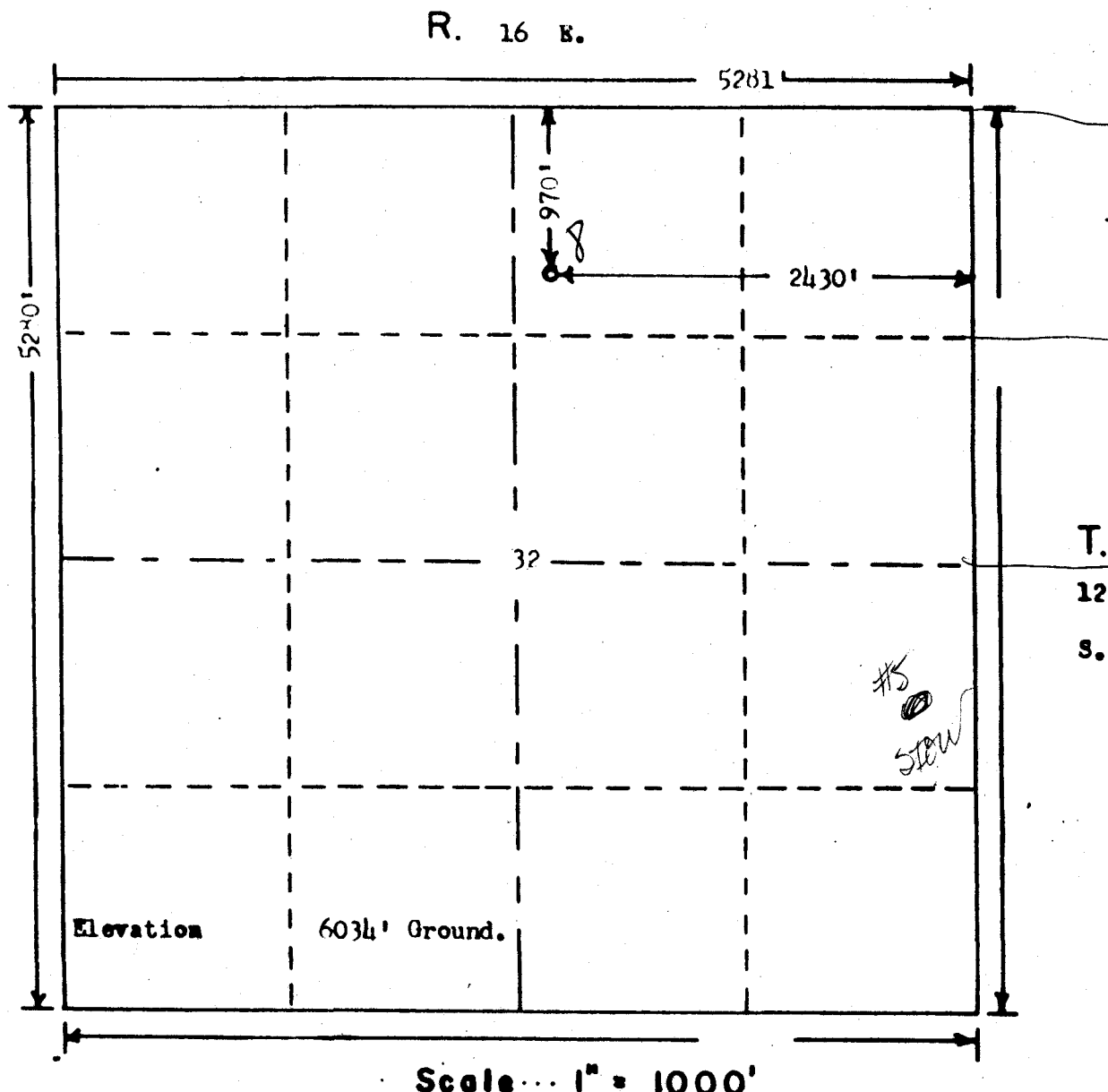
*See Instructions on Reverse Side

DATE 11-23-85

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



FORM E-1117



Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Arbuckle
for Kimbark Operating
determined the location of #5 Jacks Canyon
to be 970' FN & 2430' FE Section 32 Township 12 S.
Range 16 E. of the Salt Lake Meridian
Carbon County, Utah

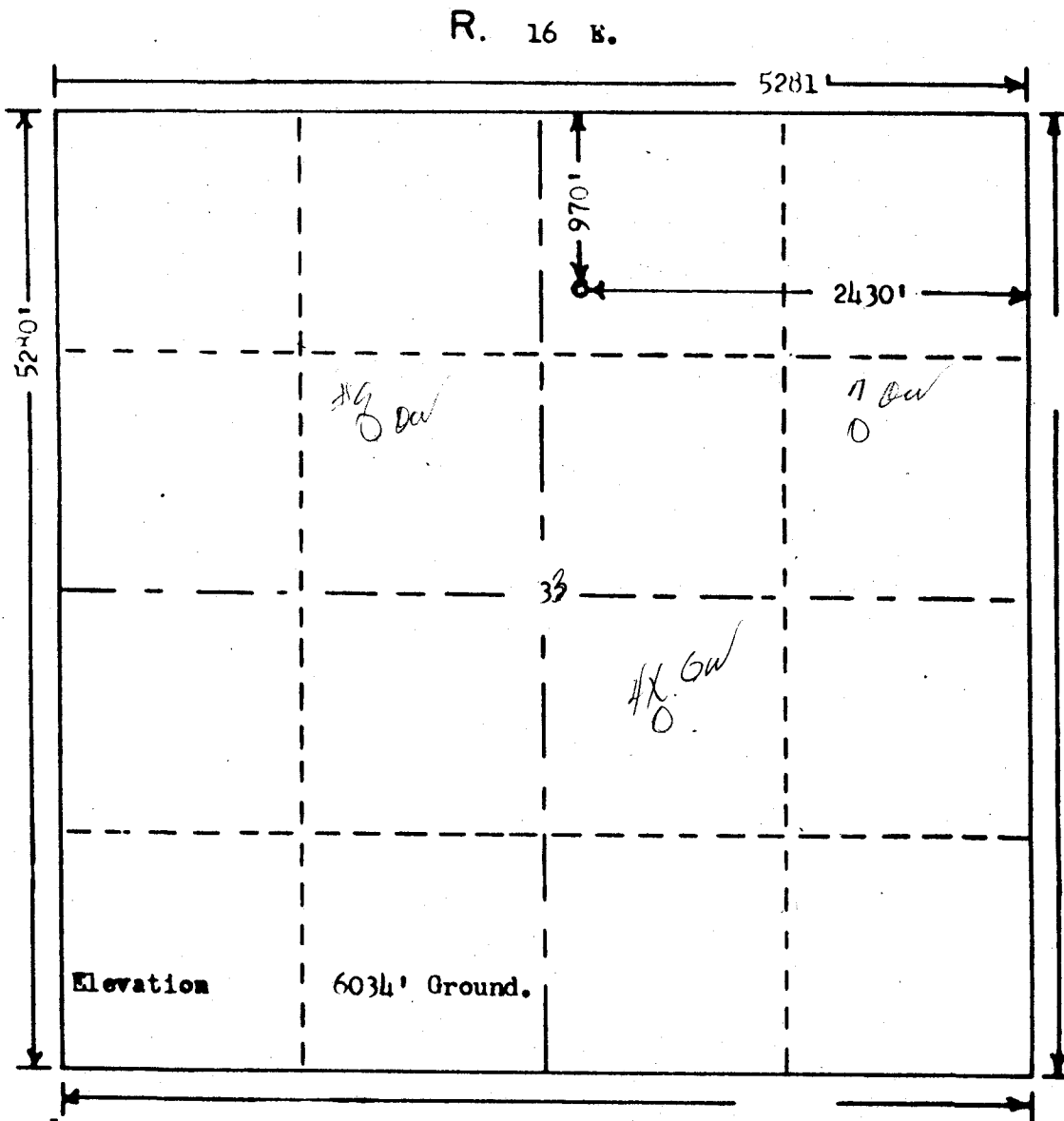
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#5 Jacks Canyon

Date: 8-2-74

Carl L. White
Licensed Land Surveyor No. 2658PE
State of Utah



FORM F-1007



Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Mr. Arbuckle
for Kimbark Operating
determined the location of #6 Jacks Canyon
to be 970' FN & 2430' FE Section 32 Township 12 S.
Range 16 E. of the Salt Lake Meridian
Carbon County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#6 Jacks Canyon

Date: 8-7-74

Samuel L. White
Licensed Land Surveyor No. 2658PE
State of Utah